

Test-III : Quantitative Aptitude

Directions (Q. 81-95): What value should come in the place of question mark(?) in the following questions?

81. $3.3 + 13.33 + 31.13 + 13.31 + 1.3 = ?$

- 1) 64.31 2) 62.37 3) 64.47
4) 62.17 5) None of these

82. $(16)^2 + (21)^2 - (13)^2 + ? = (25)^2$

- 1) 67 2) 32 3) 81
4) 97 5) none of these

83. $47 + 345 \div 15 \times 2 = ?$

- 1) 68 2) 93 3) 59
4) 71 5) None of these

84. $73\% \text{ of } 5800 - 69\% \text{ of } 240 = ?$

- 1) 4608.3 2) 4210.8 3) 4008.4
4) 4680.4 5) None of these

85. $\left(\frac{17}{119} \times \frac{98}{14}\right)^2 = ?$

- 1) 5 2) 7 3) 3
4) 9 5) None of these

86. $3.2 \times 2.1 \times 1.6 = ?$

- 1) 12.732 2) 10.752 3) 17.520
4) 15.270 5) None of these

87. $\frac{7}{4} \text{ of } \frac{2}{28} \text{ of } \frac{8}{9} \text{ of } 567 = ?$

- 1) 76 2) 91 3) 63
4) 82 5) None of these

88. $65 \times 15 \div ? = 195$

- 1) 5 2) 2 3) 1
4) 6 5) None of these

89. $204\% \text{ of } ? = 1848.24$

- 1) 517 2) 784 3) 321
4) 906 5) None of these

Directions (q. 107-111): What should come in place of question mark(?) in the following number series?

107. 7, 17, 54, ?, 1098, 6591

- 1) 204
- 2) 212
- 3) 223
- 4) 219
- 5) None of these

108. 55, 109, ? 433, 865, 1729

- 1) 279
- 2) 372
- 3) 217
- 4) 318
- 5) None of these

109. 19, 38, ?, 228, 684, 1368

- 1) 106
- 2) 114
- 3) 121
- 4) 98
- 5) None of these

110. 87, 89, 95, 107, ?, 157

- 1) 127
- 2) 122
- 3) 139
- 4) 140
- 5) None of these

111. 474, 459, 429, 369, 249, ?

- 1) 9
- 2) 0
- 3) 4
- 4) 11
- 5) None of these

112. 10 years ago, the ages of A and B were in the ratio of 13 : 17. 17 years from now the ratio of their ages will be 10 : 11. What is the age of B at present?

- 1) 23 years
- 2) 40 years
- 3) 27 years
- 4) 44 years
- 5) None of these

Directions (Q. 113-117): Study the following table and answer the questions that follow:

The table represents the total sales value (in lakhs) of five books, P, Q, R, S and T across eight book stores, A, B, C, D, E, F, G and H.

Books	Book stores							
	A	B	C	D	E	F	G	H
P	560	590	210	670	560	680	420	460
Q	550	560	890	230	820	610	520	230
R	450	290	540	530	500	520	560	410
S	230	240	560	400	430	200	210	480
T	230	400	410	240	200	360	500	470

113. What is the ratio the total sales values of Book P across all the bookstores and Book S across all the bookstores?

- 1) 83 : 55 2) 85 : 53 3) 83 :53
4) 89 : 55 5) None of these

114. The sale of the book R from Bookstore H is what per cent of the total sale of Book R across all the bookstores (rounded off to two places after the decimal)?

- 1) 21.12 2) 17.19 3) 7.43
4) 3.04 5) 10.79

115. What is the average sale (in lakh) of Bookstore E?

- 1) 502 2) 504 3) 512
4) 540 5) None of these

116. Book Q constituted **approximately** what per cent of the total sales of Bookstore C?

- 1) 34 2) 39 3) 32
4) 23 5) 28

117. What is the total sales value (in lakh) of Bookstore D?

- 1) 2510 2) 2670 3) 2900
4) 2070 5) None of these

118. The cost price of an article is ₹480. If it is to be sold at a profit of 6.25 per cent, what would its selling price be?

- 1) ₹510 2) ₹530 3) ₹503
4) ₹519 5) None of these

119. 13 articles were bought for ₹5,980 and sold for ₹6,656. What was the **approximate** profit percentage per article?

- 1) 15% 2) 11% 3) 9%
4) 19% 5) 13%

120. A and B together can complete a particular task in 4 days. If A alone can complete the same task in 6 days, how many days will B take to complete the task if he works alone?

- 1) 8 2) 7 3) 14
4) 12 5) None of these